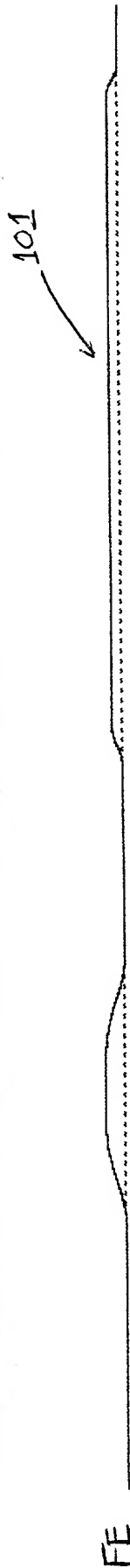


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X: 50.0000 MSec., 387 PimLocs, Ranges: DAC (86, 5012), Volts (0.0131, 0.7648), Amps (0.6561, 38.2397)



Y: 50.0000 MSec., 369 PimLocs, Ranges: DAC (-4774, 80), Volts (-0.7285, 0.0122), Amps (-36.4238, 0.6104)



Z: 50.0000 MSec., 401 PimLocs, Ranges: DAC (-5542, 6585), Volts (-0.8457, 1.0048), Amps (-42.2834, 50.2411)



Sh1: 50.0000 MSec., 200 PimLocs, Ranges: DAC (-380, 1842), Volts (-0.9282, 4.4993), Amps (0.0000, 0.0000)

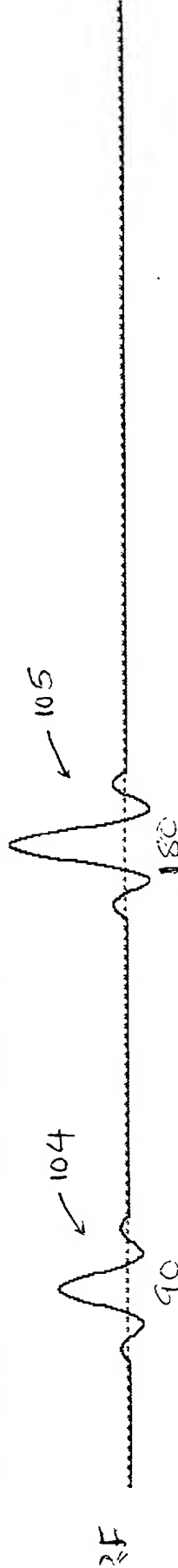


FIG 1a. STANDARD SPIN ECHO SEQUENCE (PRIOR ART)

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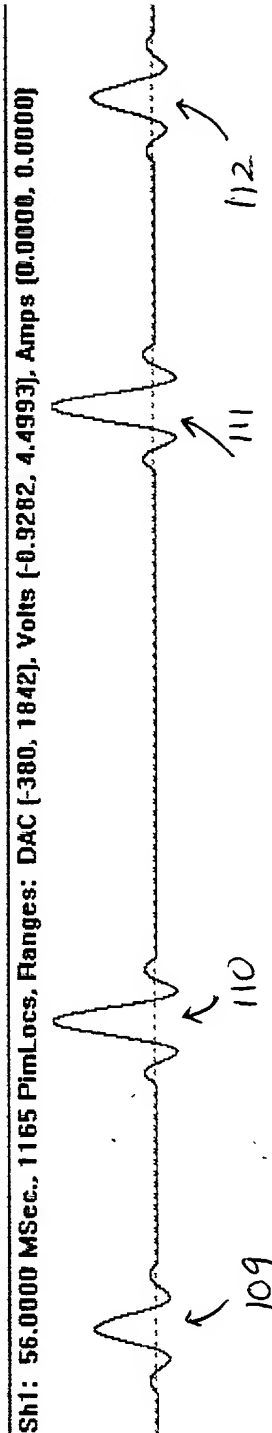
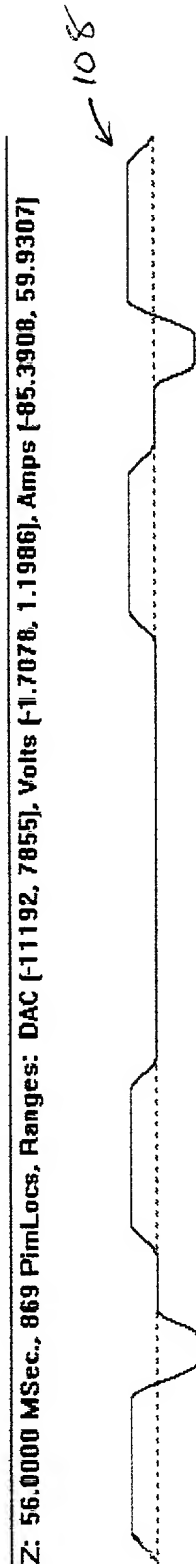
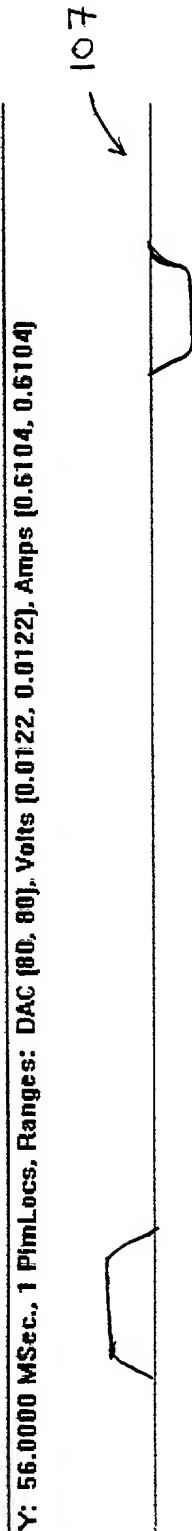
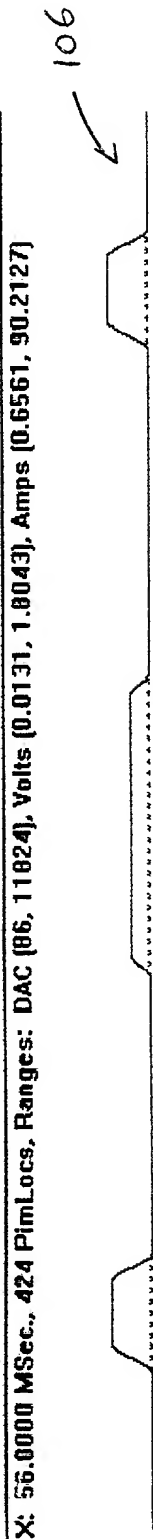


FIG 1b. STANDARD SPIN ECHO DRIVEN EQUILIBRIUM. (PRIOR ART)

202FO"THEE500T

X: 315.0080 MSec., 3123 PimLocs, Ranges: DAC (86, 9293), Volts (0.0131, 1.4180), Amps (0.6561, 70.9021)

201



Y: 315.0080 MSec., 5514 PimLocs, Ranges: DAC (6650, 6018), Volts (1.0160, 1.0404), Amps (50.7981, 52.0188)

202



Z: 315.0080 MSec., 2471 PimLocs, Ranges: DAC (8589, 6585), Volts (1.3106, 1.0048), Amps (65.5309, 50.2411)

203



Sht: 315.0080 MSec., 4559 PimLocs, Ranges: DAC (355, 1719), Volts (0.8671, 4.1988), Amps (0.0000, 0.0000)



205

204

FIG 2 FAST SPIN ECHO SEQUENCE

DATA SHEET

X: 392.0000 MSec., 3758 PimLocs, Ranges: DAC (-12796, 5955), Volts (-1.9526, 0.9087), Amps (-97.6287, 45.4344)



Y: 392.0000 MSec., 5590 PimLocs, Ranges: DAC (-5542, 5702), Volts (-0.8457, 0.8701), Amps (-42.2834, 43.5041)



Z: 392.0000 MSec., 3473 PimLocs, Ranges: DAC (-11192, 7855), Volts (-1.7078, 1.1986), Amps (-85.3908, 59.9307)



SH1: 392.0000 MSec., 5253 PimLocs, Ranges: DAC (-380, 1842), Volts (-0.9282, 4.4993), Amps (0.0000, 0.0000)

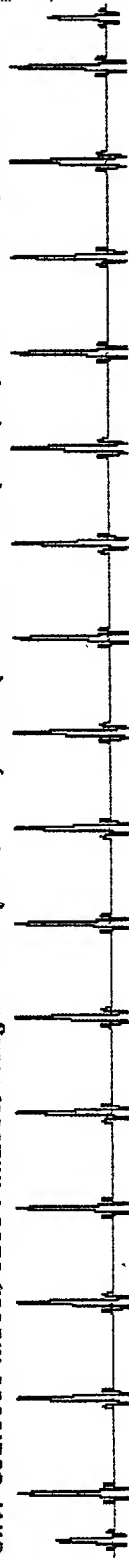


FIG 3. FAST SPIN ECHO COMBINED WITH DRIVEN EQUILIBRIUM.